

**U. S. PLANT PATENT APPLICATION OF**

**HEINRICH WESTHOFF**

**FOR: PETUNIA PLANT NAMED**

**‘WESPECAPUR’**

WESTHOFF, Heinrich

TITLE: PETUNIA PLANT NAMED 'WESPECAPUR'

APPLICANT: HEINRICH WESTHOFF

BOTANICAL CLASSIFICATION/CULTIVAR DESIGNATION:

*Petunia X hybrida* cultivar Wespecapur

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## BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct cultivar of Petunia plant, botanically known as *Petunia X hybrida*, and hereinafter referred to by the name 'Wespecapur'.

10 The new Petunia is a product of a planned breeding program conducted by the Inventor in Südlohn-Oeding, Germany. The new Petunia originated from a cross-pollination made by the Inventor of a proprietary Petunia seedling selection, not patented, as the female, or seed parent, identified as code number 98K6384-340 with a proprietary Petunia seedling selection, not patented, as the male, or pollen, parent, 15 identified as code number 98K8463-332. The new Petunia was selected by the Inventor in 2000 in a controlled environment in Südlohn-Oeding, Germany.

Asexual reproduction of the new cultivar by terminal cuttings taken in Südlohn-Oeding, Germany since 2001, has shown that the

unique features of this new Petunia are stable and reproduced true to type in successive generations.

### SUMMARY OF THE INVENTION

Plants of the cultivar Wespecapur have not been observed under  
5 all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, daylength and light intensity without, however, any variance in genotype.

The following traits have been repeatedly observed and are  
10 determined to be the unique characteristics of 'Wespecapur'. These characteristics in combination distinguish 'Wespecapur' as a new and distinct Petunia cultivar:

1. Cascading and roughly spherical growth habit.
2. Freely branching plant habit.
- 15 3. Freely flowering habit.
4. Finely textured foliage.
5. Single pastel pink colored flowers with dark purple colored venation.

Plants of the new Petunia are more uniform in plant habit, have  
20 larger flowers, and have darker-colored flowers than plants of the female

parent. Plants of the new Petunia have are more freely branching, have lighter green-colored leaves, and produce flowers darker in color than plants of the male parent.

Plants of the cultivar Wespecapur can be compared to plants of the Petunia cultivar Wespemab, disclosed in U.S. Plant Patent number 14,165. However in side-by-side comparisons conducted in Südlöhn-Oeding, Germany, plants of the new Petunia and the cultivar Wespemab, differed in the following characteristics:

1. Plants of the new Petunia were shorter than plants of the cultivar Wespemab.
2. Plants of the new Petunia had longer internodes than plants of the cultivar Wespemab.
3. Plants of the new Petunia had larger leaves than plants of the cultivar Wespemab.
4. Plants of the new Petunia had longer peduncles and sepals than flowers of the cultivar Wespemab.
5. Flower color of plants of the new Petunia was different than the flower color of plants of the cultivar Wespemab.

Plants of the cultivar Wespecapur can also be compared to plants of the Petunia cultivar Wespesoro, disclosed in U.S. Plant Patent

14,184. However in side-by-side comparisons conducted in Südlohn-Oeding, Germany, plants of the new Petunia and the cultivar Wespesoro differed in the following characteristics:

1. Plants of the new Petunia had larger and more rounded  
5 leaves than plants of the cultivar Wespesoro.
2. Plants of the new Petunia had longer peduncles than plants  
of the cultivar Wespesoro.
3. Flowers of the new Petunia were smaller than flowers of  
the cultivar Wespesoro.
- 10 4. Flowers of the new Petunia were a different color than  
flowers of the cultivar Wespesoro.
5. Flowers of the new Petunia had more pronounced  
venation than flowers of the cultivar Wespesoro.

#### BRIEF DESCRIPTION OF THE PHOTOGRAPHS

15 The accompanying colored photographs illustrate the overall  
appearance of the new cultivar, showing the colors as true as it is  
reasonably possible to obtain in colored reproductions of this type.  
Colors in the photographs may differ slightly from the color values cited  
in the detailed botanical description, which accurately describe the  
20 colors of the new Petunia.

The photograph at the top of the sheet comprises a side perspective view of a typical plant of 'Wespecapur'. The photograph at the bottom of the sheet comprises a close-up view of a typical flower of 'Wespecapur'.

5 DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to the Royal Horticultural Society Colour Chart, 2001 Edition, except where general terms of ordinary dictionary significance are used. Plants used for the aforementioned photographs and the following botanical description were grown in 12-cm containers during the spring and summer for about 20 weeks in a glass-covered greenhouse and under conditions that closely approximate commercial production conditions in Südlohn-Oeding, Germany. During the production of the plants, day temperatures were about 20 to 25°C, night temperatures were about 16 to 18°C and light levels ranged from 3,000 to 50,000 lux.

15 BOTANICAL CLASSIFICATION:

*Petunia X hybrida* cultivar Wespecapur.

PARENTAGE:

Female parent: Proprietary *Petunia X hybrida* selection identified as code number 98K6384-340, not patented.

Male parent: Proprietary *Petunia X hybrida* selection identified as code number 98K8463-332, not patented.

PROPAGATION:

Type cutting: Terminal vegetative cuttings.

5 Time to initiate roots: About 18 days at 20°C.

Time to develop roots: About 20 to 28 days at 20°C.

Root description: Numerous, fine, fibrous and well-branched.

PLANT DESCRIPTION:

10 Form: Annual flowering plant; upright and outwardly spreading plant habit. Plants roughly spherical in shape. Viscid, glandular pubescent. Freely and continuous basal branching with lateral branches potentially forming at every node.

Usage: Appropriate for hanging baskets, window boxes and patio containers.

15 Plant height (from soil level to top of plant plane): About 19 cm.

Plant diameter: About 60 to 70 cm.

Stem description:

Main branches, length: About 62 cm.

Main branches, diameter: About 3.4 mm.

20 Lateral branches, length: About 41 cm.

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Lateral branches, diameter: About 1.4 mm.

Internode length: About 2.5 cm.

Texture: Densely pubescent.

Color: 144A and 144C.

5      Foliage description:

Arrangement: Alternate; simple.

Length: About 5.1 cm.

Width: About 1.9 cm.

Shape: Ovate.

10      Apex: Obtuse to slightly acute.

Base: Attenuate.

Margin: Entire.

Aspect: Flat.

Texture, upper and lower surfaces: Leathery, pubescent.

15      Venation pattern: Pinnate.

Color:

Developing foliage, upper surface: 146A to 146C.

Developing foliage, lower surface: 146B.

Fully expanded foliage, upper surface: 147A to

20      147B overlain with 146A.



Fully expanded foliage, lower surface: 147B.

Venation, upper surface: 146B.

Venation, lower surface: 146C.

Petiole length: About 2.2 cm.

5                      Petiole diameter: About 2 mm.

Petiole color: 147B.

#### FLOWER DESCRIPTION:

Flower type and habit: Single salverform flowers; flowers face upward and outward; single, axillary. Freely flowering habit.

10                    Natural flowering season: Long-day responsive; flowering from April until frost in the autumn in Germany; flowering continuous during this period.

Fragrance: None detected.

Flower longevity on the plant: About one week.

15                    Flower size:

Diameter: About 4.9 cm.

Depth (height): About 3.1 cm.

Tube length: About 2.6 cm.

Throat diameter, distal end: About 9 mm.

20                    Tube diameter, proximal end: About 3 mm.

Flower buds:

Length: About 3.6 cm.

Diameter: About 4 mm.

Shape: Oblong.

5 Color, towards apex: 75C.

Color, midsection and base: N77C to N77D.

Petals:

Arrangement/appearance: Single whorls of five petals,  
fused into a flared trumpet.

10 Length from throat: About 2.2 cm.

Width: About 2.3 cm.

Shape: Mostly obtuse, occasionally cuspidate.

Apex: Slightly acute.

Margin: Entire.

15 Texture, upper and lower surfaces: Smooth, dull.

Color:

When opening, upper surface: N74C.

When opening, lower surface: N74D.

Fully opened, upper surface: N74C.

20 Full opened, lower surface: 75A.

Flower throat (inside): N79A.

Flower tube (outside): N79A.

Venation, upper surface: Main vein, 79C; lateral veins, N78A.

5 Venation, lower surface: Main vein, N79A; lateral veins, N79C.

Venation, throat and tube: N79A.

Sepals:

10 Arrangement/appearance: Single whorl of five sepals, fused at base; star-shaped.

Length: About 1.8 cm.

Width: About 2.7 mm.

Shape: Linear.

Apex: Obtuse to rounded.

15 Margin: Entire.

Texture, upper and lower surfaces: Dull, pubescent.

Color, upper and lower surfaces: 146A to 146B.

Peduncles:

Length: About 4.8 cm.

20 Width: About 1 mm.

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Strength: Wiry, strong.

Texture: Pubescent.

Color: 146B.

Reproductive organs:

5 Stamens:

Quantity: About five per flower.

Anther shape: Four-parted, ovate.

Anther length: About 2 mm.

Anther width: About 1.9 mm.

10 Anther color: 85B.

Pollen amount: Abundant.

Pollen color: 92A.

Pistils:

Quantity: One per flower.

15 Pistil length: About 2 cm.

Stigma shape: Ovate.

Stigma color, immature: 137A.

Stigma color, mature: 137A to 137B.

Style length: About 1.6 cm.

20 Style color: 145B to 145C.

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Ovary color: 145A.

Seed/fruit: Seed and fruit production have not been observed.

DISEASE/PEST RESISTANCE:

- 5           Plants of the new Petunia have not been noted to be resistant to pathogens or pests common to Petunia.

TEMPERATURE TOLERANCE:

Plants of the new Petunia have been observed to be tolerant to temperatures from 2 to 30°C.